

## WEST Search History

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DATE: Friday, June 30, 2006

Hide?	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L55	5146166	14
		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L54	('5146166')![pn]	1
		<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L53	('3911355' '4088944' '4511841' '4581583' '4859949' '5146166' '5302900' '5517856' '6563317' '20020135372' '20020196022')![pn]	11
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L52	l48 and (warden.in.)	1
		L50 and ((convey\$4 or trasport\$4 or transportation or moving or moved or movable or move or bringing or brought or bring or driv\$4 or inject\$4 or	
<input type="checkbox"/>	L51	insert\$4 ((production or assembly) with (belt or "line")) with (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous) with (volume or "ml"))	10
		L49 and ((measur\$4 or measurement or examin\$4 or examination or	
<input type="checkbox"/>	L50	investigation or interest or analysis or analyz\$4 or region or area or zone) with (volume or "ml"))	87
		L48 and ((solenoid\$4 or saddle or coil or winding or probe or antenna) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-	
<input type="checkbox"/>	L49	change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable))	175
<input type="checkbox"/>	L48	fetzner	303
<input type="checkbox"/>	L47	L42 and (fetzner)	3
		L45 and ((solenoid\$4 or saddle) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or	
<input type="checkbox"/>	L46	replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable))	1
		L44 and (((measur\$4 or measurement or examin\$4 or examination or	
<input type="checkbox"/>	L45	investigation or interest or analysis or analyz\$4 or region or area or zone) with (volume or "ml")) with (solenoid\$4 or saddle))	2
		L43 and ((measur\$4 or measurement or examin\$4 or examination or	
<input type="checkbox"/>	L44	investigation or interest or analysis or analyz\$4 or region or area or zone) with (volume or "ml"))	38
<input type="checkbox"/>	L43	L42 and (solenoid\$4 or saddle)	44
<input type="checkbox"/>	L42	L41 and (measur\$4 or measurement or examin\$4 or examination or investigation or interest or analysis or analyz\$4 or region or area or zone)	583

<input type="checkbox"/>	L41	L40 and ((convey\$4 or trasport\$4 or transportation or moving or moved or movable or move or bringing or brought or bring or driv\$4 or inject\$4 or insert\$4 ((production or assembly) with (belt or "line")))) with (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous) with (volume or "ml"))	584
<input type="checkbox"/>	L40	L39 and (volume or "ml")	6453
<input type="checkbox"/>	L39	L38 and (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable)	7066
<input type="checkbox"/>	L38	L37 and ((automatic\$4 or automat\$3) with (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous))	7088
<input type="checkbox"/>	L37	L36 and (automatic\$4 or automat\$3)	19162
<input type="checkbox"/>	L36	L35 and (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous)	44752
<input type="checkbox"/>	L35	L2 and (convey\$4 or trasport\$4 or transportation or moving or moved or movable or move or bringing or brought or bring or driv\$4 or inject\$4 or insert\$4 ((production or assembly) with (belt or "line"))))	45646
<input type="checkbox"/>	L34	L33 and ((solenoid\$4 or saddle) with (probe or coil or antenna or winding) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable))	5
<input type="checkbox"/>	L33	L32 and ((automatic\$4 or automat\$3) with (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous))	393
<input type="checkbox"/>	L32	L31 and ((exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable)with (plug or socket\$4))	1198
<input type="checkbox"/>	L31	L30 and (plug or socket\$4)	4682
<input type="checkbox"/>	L30	L29 and (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable)	37323
<input type="checkbox"/>	L29	L28 and (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous)	37944
<input type="checkbox"/>	L28	L1 and (automatic\$4 or automat\$3)	38687
<input type="checkbox"/>	L27	L23 and ((solenoid\$4 or saddle) with (probe or coil or antenna or winding) with (head) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4))	2
<input type="checkbox"/>	L26	L25 and (((magnetic adj resonan\$2) or MRI or NMR) with (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous))	5

<input type="checkbox"/>	L25	L24 and (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous)	7
<input type="checkbox"/>	L24	L23 and ((solenoid\$4 or saddle) with (probe or coil or antenna or winding) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4))	7
<input type="checkbox"/>	L23	L17 and ((exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4) with (plug or socket\$4))	86
<input type="checkbox"/>	L22	L21 and (plug or socket\$4)	15
<input type="checkbox"/>	L21	L20 and (plug or socket\$4 or connect\$4)	75
<input type="checkbox"/>	L20	L19 and ((solenoid\$4 or saddle) with (probe or coil or antenna or winding) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4))	78
<input type="checkbox"/>	L19	L18 and (solenoid\$4 or saddle)	419
<input type="checkbox"/>	L18	L17 and ((probe or coil or antenna or winding) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4))	1694
<input type="checkbox"/>	L17	L16 and (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4)	2608
<input type="checkbox"/>	L16	l3 and ((probe or coil or antenna or winding) with (head))	2817
<input type="checkbox"/>	L15	L14 not L12	10
<input type="checkbox"/>	L14	L13 and ((solenoid\$4 or saddle) with (detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or individual\$2 or disconnect\$4))	33
<input type="checkbox"/>	L13	L6 and ((plug or socket\$4 or connect\$4) with (detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or individual\$2 or disconnect\$4))	337
<input type="checkbox"/>	L12	L11 and ((plug or socket\$4 or connect\$4) with (detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or individual\$2 or disconnect\$4))	23
<input type="checkbox"/>	L11	L10 and ((solenoid\$4 or saddle) with (detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or individual\$2 or disconnect\$4))	46
<input type="checkbox"/>	L10	L9 and (detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or individual\$2 or disconnect\$4)	370
<input type="checkbox"/>	L9	L7 and (plug or socket\$4 or connect\$4)	374
<input type="checkbox"/>	L8	L7 and (plug or socket\$4 or connect\$4)	374
<input type="checkbox"/>	L7	L6 and ((feed\$3 or fed or suppl\$4 or input\$4 or in-put\$4 or insert\$4) with (cable or channel\$3 or "line"))	378
<input type="checkbox"/>	L6	L5 and (sample or tissue or subject or object or patient or substance or target or specim\$2)	851
<input type="checkbox"/>	L5	L4 and (solenoid\$4 or saddle)	862
<input type="checkbox"/>	L4	L3 and (convey\$4 or ((production or assembly) with (belt or "line")))	8257

<input type="checkbox"/>	L3	L2 and (feed\$3 or fed or suppl\$4 or input\$4 or in-put\$4 or insert\$4 or cable or channel\$3 or "line")	50573
<input type="checkbox"/>	L2	L1 and (probe or coil or antenna or winding)	61156
<input type="checkbox"/>	L1	((magnetic adj resonan\$2) or MRI or NMR)	229766

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 15 of 15 returned.

☐ 1. Document ID: US 20060012368 A1

L22: Entry 1 of 15

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060012368

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060012368 A1

TITLE: High resolution nmr probe head for small sample volumes and method for operating the same

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Volke; Frank	St. Ingbert		DE
Benecke; Martin	Homburg		DE

US-CL-CURRENT: [324/318](#); [324/321](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Keywords	Drawings
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☐ 2. Document ID: US 20050280414 A1

L22: Entry 2 of 15

File: PGPB

Dec 22, 2005

PGPUB-DOCUMENT-NUMBER: 20050280414

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050280414 A1

TITLE: Methods and devices for analysis of sealed containers

PUBLICATION-DATE: December 22, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Augustine, Matthew P.	Davis	CA	US
Weekley, April J.	Orondo	WA	US
Bruins, Paul	Winters	CA	US

US-CL-CURRENT: [324/312](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw B
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☐ 3. Document ID: US 20050119418 A1

L22: Entry 3 of 15

File: PGPB

Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050119418

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050119418 A1

TITLE: Thermoplastic polymer, process for producing the same, and molded article

PUBLICATION-DATE: June 2, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Matsumoto, Hideki	Nagoya-shi		JP
Tanaka, Akiko	Nagoay-shi		JP
Yamamoto, Daisuke	Nagoya-shi		JP
Sato, Daisuke	Yonezawa-shi		JP
Yamanaka, Toru	Nagoya-shi		JP

US-CL-CURRENT: 525/329.7; 525/330.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw B
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☐ 4. Document ID: US 20050104589 A1

L22: Entry 4 of 15

File: PGPB

May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050104589

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050104589 A1

TITLE: Methods and devices for analysis of sealed containers

PUBLICATION-DATE: May 19, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Augustine, Matthew P.	Davis	CA	US
Weekley, April J.	Orondo	WA	US
Bruins, Paul	Winters	CA	US

US-CL-CURRENT: 324/312; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw B
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☐ 5. Document ID: US 20040090231 A1

L22: Entry 5 of 15

File: PGPB

May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040090231

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040090231 A1

TITLE: Methods and devices for analysis of sealed containers

PUBLICATION-DATE: May 13, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Augustine, Matthew P.	Davis	CA	US
Weekley, April J.	Orondo	WA	US
Bruins, Paul	Winters	CA	US

US-CL-CURRENT: 324/309; 324/307, 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 7048716 B1

L22: Entry 6 of 15

File: USPT

May 23, 2006

US-PAT-NO: 7048716

DOCUMENT-IDENTIFIER: US 7048716 B1

TITLE: MR-compatible devices

DATE-ISSUED: May 23, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kucharczyk; John	Minneapolis	MN		US
Truwit; Charles L.	Wayzata	MN		US
Liu; Haiying	Minneapolis	MN		US
Moseley; Michael E.	Redwood City	CA		US

US-CL-CURRENT: 604/164.01; 600/411, 600/423, 600/424, 604/96.01

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 7012427 B2

L22: Entry 7 of 15

File: USPT

Mar 14, 2006

US-PAT-NO: 7012427

DOCUMENT-IDENTIFIER: US 7012427 B2

TITLE: Methods and devices for analysis of sealed containers

DATE-ISSUED: March 14, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050104589 A1	May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Augustine; Matthew P.	Davis	CA		US
Weekley; April J.	Davis	CA		US
Bruins; Paul	Winters	CA		US

US-CL-CURRENT: 324/307; 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 6911822 B2

L22: Entry 8 of 15

File: USPT

Jun 28, 2005

US-PAT-NO: 6911822

DOCUMENT-IDENTIFIER: US 6911822 B2

TITLE: Methods and devices for analysis of sealed containers

DATE-ISSUED: June 28, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Augustine; Matthew P.	Davis	CA		
Weekley; April J.	Orondo	WA		
Bruins; Paul	Winters	CA		

US-CL-CURRENT: 324/324; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 9. Document ID: US 6121388 A

L22: Entry 9 of 15

File: USPT

Sep 19, 2000

US-PAT-NO: 6121388

DOCUMENT-IDENTIFIER: US 6121388 A

TITLE: Polyamide resin composition

DATE-ISSUED: September 19, 2000



## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Umetsu; Hidevuki	Nagoya			JP
Sugimura; Masahiro	Nagoya			JP
Makabe; Yoshiki	Nagoya			JP

US-CL-CURRENT: 525/425; 525/426, 525/432

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	Draw D
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☐ 10. Document ID: US 6077908 A

L22: Entry 10 of 15

File: USPT

Jun 20, 2000

US-PAT-NO: 6077908

DOCUMENT-IDENTIFIER: US 6077908 A

TITLE: Polyoxymethylene resin composition

DATE-ISSUED: June 20, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yahiro; Shyuzi	Kurashiki			JP

US-CL-CURRENT: 525/218; 525/282, 528/310, 528/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	Draw D
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☐ 11. Document ID: US 6046300 A

L22: Entry 11 of 15

File: USPT

Apr 4, 2000

US-PAT-NO: 6046300

DOCUMENT-IDENTIFIER: US 6046300 A

TITLE: Liquid-crystalline resin and thermoplastic resin composition

DATE-ISSUED: April 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Umetsu; Hideyuki	Nagoya			JP
Makabe; Yoshiki	Nagoya			JP
Sugimura; Masahiro	Nagoya			JP

US-CL-CURRENT: 528/176; 528/193, 528/271, 528/272

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	Draw D
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☐ 12. Document ID: US 5585724 A

L22: Entry 12 of 15

File: USPT

Dec 17, 1996

US-PAT-NO: 5585724

DOCUMENT-IDENTIFIER: US 5585724 A

TITLE: Magnetic resonance gradient coils with interstitial gap

DATE-ISSUED: December 17, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morich; Michael A.	Mentor	OH		
Petropoulos; Labros S.	Solon	OH		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	QMC	Draw D
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☐ 13. Document ID: US 20060012368 A1, WO 2004005952 A1, DE 10230196 A1, EP 1521975 A1

L22: Entry 13 of 15

File: DWPI

Jan 19, 2006

DERWENT-ACC-NO: 2004-122645

DERWENT-WEEK: 200607

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TITLE: Sample head for NMR measurements, has guide for inserting sample containers for measurement by solenoid coil attached to carrier body

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	QMC	Draw D
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☐ 14. Document ID: US 3347725 A

L22: Entry 14 of 15

File: USOC

Oct 17, 1967

US-PAT-NO: 3347725

DOCUMENT-IDENTIFIER: US 3347725 A

TITLE: Method of making tubular thermal insulation

DATE-ISSUED: October 17, 1967

INVENTOR-NAME: STEPHENS FREDERICK N; BURHANS STUART J ; WARKOCZEWSKI JOSEPH T ; TAYLOR JACK M

US-CL-CURRENT: 156/184, 156/446, 493/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 15. Document ID: US 2742238 A

L22: Entry 15 of 15

File: USOC

Apr 17, 1956

US-PAT-NO: 2742238

DOCUMENT-IDENTIFIER: US 2742238 A

TITLE: Coil winding machine

DATE-ISSUED: April 17, 1956

INVENTOR-NAME: CLARKE WILLIAM W; STEVENS CLARENCE C ; HUBERT BAUER ; JARVIS JR  
HAROLD ; PHILIP HELLER

US-CL-CURRENT: 242/476.7, 242/444, 242/486.7, 475/15

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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Term	Documents
PLUG	730976
PLUGS	184193
SOCKET\$4	0
SOCKET	473518
SOCKETA	98
SOCKETAAND	1
SOCKETABL	1
SOCKETABLE	74
SOCKETABLI	1
SOCKETABLY	48
(L21 AND (PLUG OR SOCKET\$4) ) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	15

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☐ 1. Document ID: US 20060012368 A1

L24: Entry 1 of 7

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060012368

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060012368 A1

TITLE: High resolution nmr probe head for small sample volumes and method for operating the same

PUBLICATION-DATE: January 19, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Volke; Frank	St. Ingbert		DE
Benecke; Martin	Homburg		DE

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20050119418 A1

L24: Entry 2 of 7

File: PGPB

Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050119418

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050119418 A1

TITLE: Thermoplastic polymer, process for producing the same, and molded article

PUBLICATION-DATE: June 2, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Matsumoto, Hideki	Nagoya-shi		JP
Tanaka, Akiko	Nagoya-shi		JP
Yamamoto, Daisuke	Nagoya-shi		JP
Sato, Daisuke	Yonezawa-shi		JP
Yamanaka, Toru	Nagoya-shi		JP

US-CL-CURRENT: 525/329.7; 525/330.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw
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☐ 3. Document ID: US 6121388 A

L24: Entry 3 of 7

File: USPT

Sep 19, 2000

US-PAT-NO: 6121388

DOCUMENT-IDENTIFIER: US 6121388 A

TITLE: Polyamide resin composition

DATE-ISSUED: September 19, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Umetsu; Hidevuki	Nagoya			JP
Sugimura; Masahiro	Nagoya			JP
Makabe; Yoshiki	Nagoya			JP

US-CL-CURRENT: 525/425; 525/426, 525/432

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw
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☐ 4. Document ID: US 6077908 A

L24: Entry 4 of 7

File: USPT

Jun 20, 2000

US-PAT-NO: 6077908

DOCUMENT-IDENTIFIER: US 6077908 A

TITLE: Polyoxymethylene resin composition

DATE-ISSUED: June 20, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yahiro; Shyuzi	Kurashiki			JP

US-CL-CURRENT: 525/218; 525/282, 528/310, 528/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw
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☐ 5. Document ID: US 6046300 A

L24: Entry 5 of 7

File: USPT

Apr 4, 2000

US-PAT-NO: 6046300

DOCUMENT-IDENTIFIER: US 6046300 A

TITLE: Liquid-crystalline resin and thermoplastic resin composition

DATE-ISSUED: April 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Umetsu; Hideyuki	Nagoya			JP
Makabe; Yoshiki	Nagoya			JP
Sugimura; Masahiro	Nagoya			JP

US-CL-CURRENT: 528/176; 528/193, 528/271, 528/272

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 6. Document ID: US 20060012368 A1, WO 2004005952 A1, DE 10230196 A1, EP 1521975 A1

L24: Entry 6 of 7

File: DWPI

Jan 19, 2006

DERWENT-ACC-NO: 2004-122645

DERWENT-WEEK: 200607

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TITLE: Sample head for NMR measurements, has guide for inserting sample containers for measurement by solenoid coil attached to carrier body

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 3347725 A

L24: Entry 7 of 7

File: USOC

Oct 17, 1967

US-PAT-NO: 3347725

DOCUMENT-IDENTIFIER: US 3347725 A

TITLE: Method of making tubular thermal insulation

DATE-ISSUED: October 17, 1967

INVENTOR-NAME: STEPHENS FREDERICK N; BURHANS STUART J ; WARKOCZEWSKI JOSEPH T ; TAYLOR JACK M

US-CL-CURRENT: 156/184, 156/446, 493/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Term	Documents
SADDLE	71644
SADDLES	14378
PROBE	373988
PROBES	173432
COIL	1291254
COILS	428404
ANTENNA	368885
ANTENNAS	87116
WINDING	713781
WINDINGS	242491
(L23 AND ((SOLENOID\$4 OR SADDLE) WITH (PROBE OR COIL OR ANTENNA OR WINDING) WITH (EXCHANG\$4 OR EXCHANGEABLE OR INTERCHANG\$4 OR INTERCHANGEABLE OR INTER-CHANGE\$4 OR INTER-CHANG\$4 OR REPLACE\$4 OR REPLAC\$4 OR SWITCH\$4 OR DETACH\$4 OR REMOV\$4 OR SPLIT\$4 OR SEPARAT\$4 OR DE-TACH\$4 OR RE-MOV\$4 OR DISCONNECT\$4)) ) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	7

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☐ 1. Document ID: US 20060012368 A1

L26: Entry 1 of 5

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060012368

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060012368 A1

TITLE: High resolution nmr probe head for small sample volumes and method for operating the same

PUBLICATION-DATE: January 19, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Volke; Frank	St. Ingbert		DE
Benecke; Martin	Homburg		DE

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20050119418 A1

L26: Entry 2 of 5

File: PGPB

Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050119418

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050119418 A1

TITLE: Thermoplastic polymer, process for producing the same, and molded article

PUBLICATION-DATE: June 2, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Matsumoto, Hideki	Nagoya-shi		JP
Tanaka, Akiko	Nagoya-shi		JP
Yamamoto, Daisuke	Nagoya-shi		JP
Sato, Daisuke	Yonezawa-shi		JP
Yamanaka, Toru	Nagoya-shi		JP



US-CL-CURRENT: 525/329.7; 525/330.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw D
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☐ 3. Document ID: US 6121388 A

L26: Entry 3 of 5

File: USPT

Sep 19, 2000

US-PAT-NO: 6121388

DOCUMENT-IDENTIFIER: US 6121388 A

TITLE: Polyamide resin composition

DATE-ISSUED: September 19, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Umetsu; Hidevuki	Nagoya			JP
Sugimura; Masahiro	Nagoya			JP
Makabe; Yoshiki	Nagoya			JP

US-CL-CURRENT: 525/425; 525/426, 525/432

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw D
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☐ 4. Document ID: US 6046300 A

L26: Entry 4 of 5

File: USPT

Apr 4, 2000

US-PAT-NO: 6046300

DOCUMENT-IDENTIFIER: US 6046300 A

TITLE: Liquid-crystalline resin and thermoplastic resin composition

DATE-ISSUED: April 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Umetsu; Hideyuki	Nagoya			JP
Makabe; Yoshiki	Nagoya			JP
Sugimura; Masahiro	Nagoya			JP

US-CL-CURRENT: 528/176; 528/193, 528/271, 528/272

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw D
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☐ 5. Document ID: US 20060012368 A1, WO 2004005952 A1, DE 10230196 A1, EP 1521975 A1

L26: Entry 5 of 5

File: DWPI

Jan 19, 2006

DERWENT-ACC-NO: 2004-122645

DERWENT-WEEK: 200607

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TITLE: Sample head for NMR measurements, has guide for inserting sample containers for measurement by solenoid coil attached to carrier body

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMK	Drawings
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
MAGNETIC	1632649
MAGNETICS	14729
MRI	34054
MRIS	514
NMR	165205
NMRS	287
SAMPLE	1155474
SAMPLES	709239
TISSUE	464362
TISSUES	227045
(L25 AND (((MAGNETIC ADJ RESONAN\$2) OR MRI OR NMR) WITH (SAMPLE OR TISSUE OR SUBJECT OR OBJECT OR PATIENT OR SUBSTANCE OR TARGET OR SPECIM\$2 OR SOLID\$3 OR LIQUID OR GAS\$2 OR GASEOUS))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20060012368 A1

L27: Entry 1 of 2

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060012368

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060012368 A1

TITLE: High resolution nmr probe head for small sample volumes and method for operating the same

PUBLICATION-DATE: January 19, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Volke; Frank	St. Ingbert		DE
Benecke; Martin	Homberg		DE

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 3347725 A

L27: Entry 2 of 2

File: USOC

Oct 17, 1967

US-PAT-NO: 3347725

DOCUMENT-IDENTIFIER: US 3347725 A

TITLE: Method of making tubular thermal insulation

DATE-ISSUED: October 17, 1967

INVENTOR-NAME: STEPHENS FREDERICK N; BURHANS STUART J ; WARKOCZEWSKI JOSEPH T ;  
TAYLOR JACK M

US-CL-CURRENT: 156/184, 156/446, 493/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Term	Documents
SADDLE	71644
SADDLES	14378
PROBE	373988
PROBES	173432
COIL	1291254
COILS	428404
ANTENNA	368885
ANTENNAS	87116
WINDING	713781
WINDINGS	242491
HEAD	2271991
(L23 AND ((SOLENOID\$4 OR SADDLE) WITH (PROBE OR COIL OR ANTENNA OR WINDING) WITH (HEAD) WITH (EXCHANG\$4 OR EXCHANGEABLE OR INTERCHANG\$4 OR INTERCHANGEABLE OR INTER-CHANGE\$4 OR INTER-CHANG\$4 OR REPLACE\$4 OR REPLAC\$4 OR SWITCH\$4 OR DETACH\$4 OR REMOV\$4 OR SPLIT\$4 OR SEPARAT\$4 OR DE-TACH\$4 OR RE-MOV\$4 OR DISCONNECT\$4)) ) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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### Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20060012368 A1

L34: Entry 1 of 5

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060012368

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060012368 A1

TITLE: High resolution nmr probe head for small sample volumes and method for operating the same

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Volke; Frank	St. Ingbert		DE
Benecke; Martin	Homburg		DE

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20060012368 A1, WO 2004005952 A1, DE 10230196 A1, EP 1521975 A1

L34: Entry 2 of 5

File: DWPI

Jan 19, 2006

DERWENT-ACC-NO: 2004-122645

DERWENT-WEEK: 200607

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TITLE: Sample head for NMR measurements, has guide for inserting sample containers for measurement by solenoid coil attached to carrier body

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 3229599 A

L34: Entry 3 of 5

File: USOC

Jan 18, 1966

US-PAT-NO: 3229599

DOCUMENT-IDENTIFIER: US 3229599 A

TITLE: Mass sheet inscribing, counting, collating, and stacking machine means and process

DATE-ISSUED: January 18, 1966

INVENTOR-NAME: LOWE RICHARD G

US-CL-CURRENT: 270/52.14; 271/295, 271/298

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	PMC	Draw D
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☐ 4. Document ID: US 2651354 A

L34: Entry 4 of 5

File: USOC

Sep 8, 1953

US-PAT-NO: 2651354

DOCUMENT-IDENTIFIER: US 2651354 A

TITLE: Chair with access preventing means

DATE-ISSUED: September 8, 1953

INVENTOR-NAME: FOWLER JEFFERSON D; VAUGHN RALPH A

US-CL-CURRENT: 297/217.1, 297/378.1, 368/108, 368/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	PMC	Draw D
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☐ 5. Document ID: US 2332755 A

L34: Entry 5 of 5

File: USOC

Oct 26, 1943

US-PAT-NO: 2332755

DOCUMENT-IDENTIFIER: US 2332755 A

TITLE: Accounting machine

DATE-ISSUED: October 26, 1943

INVENTOR-NAME: ROBERTSON WILLIAM H; COE ERIC R

US-CL-CURRENT: 235/60.31, 235/60M, 235/60.12, 235/61PC, 235/61PF, 235/61PH

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	PMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
SADDLE	71644

SADDLES	14378
PROBE	373988
PROBES	173432
COIL	1291254
COILS	428404
ANTENNA	368885
ANTENNAS	87116
WINDING	713781
WINDINGS	242491
(L33 AND ((SOLENOID\$4 OR SADDLE) WITH (PROBE OR COIL OR ANTENNA OR WINDING) WITH (EXCHANG\$4 OR EXCHANGEABLE OR INTERCHANG\$4 OR INTERCHANGEABLE OR INTER-CHANGE\$4 OR INTER-CHANG\$4 OR REPLACE\$4 OR REPLAC\$4 OR SWITCH\$4 OR DETACH\$4 OR REMOV\$4 OR SPLIT\$4 OR SEPARAT\$4 OR DE-TACH\$4 OR RE-MOV\$4 OR DISCONNECT\$4 OR CHANG\$4 OR CHANGEABLE)) ) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20060074295 A1

L45: Entry 1 of 2

File: PGPB

Apr 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060074295

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060074295 A1

TITLE: Combined MR coil technology in medical devices

PUBLICATION-DATE: April 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kucharczyk; John	Bishop	GA	US
Bronskill; Michael John	Toronto		CA

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 2. Document ID: US 20060012368 A1

L45: Entry 2 of 2

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060012368

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060012368 A1

TITLE: High resolution nmr probe head for small sample volumes and method for operating the same

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Volke; Frank	St. Ingbert		DE
Benecke; Martin	Homburg		DE

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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Term	Documents
MEASUREMENT	1130600
MEASUREMENTS	536752
EXAMINATION	277492
EXAMINATIONS	23701
INVESTIGATION	124145
INVESTIGATIONS	67856
INTEREST	591674
INTERESTS	28992
ANALYSIS	1071882
ANALYSES	156113
REGION	1953278
(L44 AND ((MEASUR\$4 OR MEASUREMENT OR EXAMIN\$4 OR EXAMINATION OR INVESTIGATION OR INTEREST OR ANALYSIS OR ANALYZ\$4 OR REGION OR AREA OR ZONE) WITH (VOLUME OR "ML")) WITH (SOLENOID\$4 OR SADDLE) ) ) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20060012368 A1

L46: Entry 1 of 1

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060012368

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060012368 A1

TITLE: High resolution nmr probe head for small sample volumes and method for operating the same

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Volke; Frank	St. Ingbert		DE
Benecke; Martin	Homburg		DE

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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Term	Documents
SADDLE	71644
SADDLES	14378
EXCHANGEABLE	45928
EXCHANGEABLES	20
INTERCHANGEABLE	130858
INTERCHANGEABLES	9
CHANGEABLE	64718
CHANGEABLES	14
SOLENOID\$4	0
SOLENOID	351143
SOLENOIDA	30

(L45 AND ((SOLENOID\$4 OR SADDLE) WITH (EXCHANG\$4 OR EXCHANGEABLE OR INTERCHANG\$4 OR INTERCHANGEABLE OR INTER-CHANGE\$4 OR INTER-CHANG\$4 OR REPLACE\$4 OR REPLAC\$4 OR SWITCH\$4 OR DETACH\$4 OR REMOV\$4 OR SPLIT\$4 OR SEPARAT\$4 OR DE-TACH\$4 OR RE-MOV\$4 OR DISCONNECT\$4 OR CHANG\$4 OR CHANGEABLE)) ) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20060012368 A1

L46: Entry 1 of 1

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060012368

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060012368 A1

TITLE: High resolution nmr probe head for small sample volumes and method for operating the same

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Volke; Frank	St. Ingbert		DE
Benecke; Martin	Homburg		DE

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Term	Documents
SADDLE	71644
SADDLES	14378
EXCHANGEABLE	45928
EXCHANGEABLES	20
INTERCHANGEABLE	130858
INTERCHANGEABLES	9
CHANGEABLE	64718
CHANGEABLES	14
SOLENOID\$4	0
SOLENOID	351143
SOLENOIDA	30

(L45 AND ((SOLENOID\$4 OR SADDLE) WITH (EXCHANG\$4 OR EXCHANGEABLE OR INTERCHANG\$4 OR INTERCHANGEABLE OR INTER-CHANGE\$4 OR INTER-CHANG\$4 OR REPLACE\$4 OR REPLAC\$4 OR SWITCH\$4 OR DETACH\$4 OR REMOV\$4 OR SPLIT\$4 OR SEPARAT\$4 OR DE-TACH\$4 OR RE-MOV\$4 OR DISCONNECT\$4 OR CHANG\$4 OR CHANGEABLE)) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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Search Results - Record(s) 1 through 14 of 14 returned.

☐ 1. Document ID: US 20020105453 A1

L55: Entry 1 of 14

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020105453

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020105453 A1

TITLE: Circuit, system and method for performing dynamic element matching using bi-directional rotation within a data converter

PUBLICATION-DATE: August 8, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Fujimori, Ichiro	San Diego	CA	US
Hairapetian, Armond	Glendale	CA	US
Longo, Lorenzo	Dove Canyon	CA	US

US-CL-CURRENT: 341/144

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NAC	Draw
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☐ 2. Document ID: US 7019526 B2

L55: Entry 2 of 14

File: USPT

Mar 28, 2006

US-PAT-NO: 7019526

DOCUMENT-IDENTIFIER: US 7019526 B2

TITLE: Sample catcher for NMR apparatus and method utilizing thereof

DATE-ISSUED: March 28, 2006

## PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050258834 A1	November 24, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lukens; Peter C.	Mountain View	CA		US
Baic; Dusan	Palo Alto	CA		US

US-CL-CURRENT: 324/321; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMK	Draw D
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☐ 3. Document ID: US 6958609 B2

L55: Entry 3 of 14

File: USPT

Oct 25, 2005

US-PAT-NO: 6958609

DOCUMENT-IDENTIFIER: US 6958609 B2

TITLE: Nuclear magnetic resonance analysis of multiple samples

DATE-ISSUED: October 25, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Raftery; Daniel	Lafayette	IN		
McNamara; Ernesto	Alexandria	VA		

US-CL-CURRENT: 324/321; 324/307, 324/308, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMK	Draw D
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☐ 4. Document ID: US 6937020 B2

L55: Entry 4 of 14

File: USPT

Aug 30, 2005

US-PAT-NO: 6937020

DOCUMENT-IDENTIFIER: US 6937020 B2

TITLE: Solid-state nuclear magnetic resonance probe

DATE-ISSUED: August 30, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Munson; Eric Jon	Lawrence	KS		
Offerdahl; Thomas James	Lawrence	KS		
Schieber; Loren Joseph	Fairway	KS		

US-CL-CURRENT: 324/321; 324/320

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMK	Draw D
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☐ 5. Document ID: US 6768305 B1

L55: Entry 5 of 14

File: USPT

Jul 27, 2004

US-PAT-NO: 6768305  
DOCUMENT-IDENTIFIER: US 6768305 B1

TITLE: Temperature controlled sample changer for NMR analysis

DATE-ISSUED: July 27, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Keifer; Paul A.	Omaha	NE		

US-CL-CURRENT: 324/321; 324/315

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	QMC	Drawings
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☐ 6. Document ID: US 6768304 B2

L55: Entry 6 of 14

File: USPT

Jul 27, 2004

US-PAT-NO: 6768304  
DOCUMENT-IDENTIFIER: US 6768304 B2

TITLE: On-flow preheating in NMR measurements

DATE-ISSUED: July 27, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Avizonis; Daina Z.	Redwood City	CA		
Goljer; Igor	Parkesburg	PA		

US-CL-CURRENT: 324/315

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	QMC	Drawings
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☐ 7. Document ID: US 6696838 B2

L55: Entry 7 of 14

File: USPT

Feb 24, 2004

US-PAT-NO: 6696838  
DOCUMENT-IDENTIFIER: US 6696838 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Nuclear magnetic resonance analysis of multiple samples

DATE-ISSUED: February 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Raftery; Daniel	Lafayette	IN		



Fisher; George G.                      Oak Harbor                      WA  
McNamara; Ernesto                      Alexandria                      VA

US-CL-CURRENT: 324/321; 324/310, 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	Drawings
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☐ 8. Document ID: US 6686740 B2

L55: Entry 8 of 14

File: USPT

Feb 3, 2004

US-PAT-NO: 6686740

DOCUMENT-IDENTIFIER: US 6686740 B2

TITLE: Device for the transport and exact positioning of a sample tube in a high-resolution NMR spectrometer

DATE-ISSUED: February 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tschirky; Hansjoerg	Ettingen			CH
Warden; Michael	Pfaffhausen			CH
Seydoux; Roberto	Volketswil			CH
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: 324/321; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	Drawings
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☐ 9. Document ID: US 6522277 B2

L55: Entry 9 of 14

File: USPT

Feb 18, 2003

US-PAT-NO: 6522277

DOCUMENT-IDENTIFIER: US 6522277 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Circuit, system and method for performing dynamic element matching using bi-directional rotation within a data converter

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fujimori; Ichiro	San Diego	CA		
Hairapetian; Armond	Glendale	CA		
Longo; Lorenzo	Dove Canyon	CA		

US-CL-CURRENT: 341/144; 341/118, 341/143, 341/150

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 10. Document ID: US 5705928 A

L55: Entry 10 of 14

File: USPT

Jan 6, 1998

US-PAT-NO: 5705928

DOCUMENT-IDENTIFIER: US 5705928 A

TITLE: Sample delivery system used in chemical analysis methods which employs  
pressurized gas for sample conveyance

DATE-ISSUED: January 6, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Haner; Ronald L.	San Francisco	CA		
Kellogg; Christopher C.	Walnut Creek	CA		
Duff; David W.	Ipswich	MA		

US-CL-CURRENT: 324/321; 324/320

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 11. Document ID: US 5534780 A

L55: Entry 11 of 14

File: USPT

Jul 9, 1996

US-PAT-NO: 5534780

DOCUMENT-IDENTIFIER: US 5534780 A

TITLE: Sample changer for NMR spectrometers

DATE-ISSUED: July 9, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lilly; Kevin	Derry	NH		

US-CL-CURRENT: 324/321; 422/63

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 12. Document ID: US 5237276 A

L55: Entry 12 of 14

File: USPT

Aug 17, 1993

US-PAT-NO: 5237276

DOCUMENT-IDENTIFIER: US 5237276 A

TITLE: Feed mechanism and method therefor

DATE-ISSUED: August 17, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cory; David G.	Boston	MA		

US-CL-CURRENT: 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Draw D
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☐ 13. Document ID: US 5146166 A

L55: Entry 13 of 14

File: USPT

Sep 8, 1992

US-PAT-NO: 5146166DOCUMENT-IDENTIFIER: US 5146166 A

TITLE: Method and apparatus for enhancing sample analysis rate in magnetic resonance spectroscopy

DATE-ISSUED: September 8, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bartuska; Victor J.	Fort Collins	CO		

US-CL-CURRENT: 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Draw D
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☐ 14. Document ID: US 5146166 A

L55: Entry 14 of 14

File: DWPI

Sep 8, 1992

DERWENT-ACC-NO: 1992-323472

DERWENT-WEEK: 199239

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TITLE: Enhancing sample analysis rate in magnetic resonance spectroscopy - includes use of air bearing or other supports which dot not frictionally engage sample container to de-localise spin wobble of container

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Draw D
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Term	Documents
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